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List of key words used in the annual subject indexes (valid from January 1997)

This list is common to *Monthly Notices of the Royal Astronomical Society*, *Astronomy and Astrophysics*, and *The Astrophysical Journal*. In order to ease the search, the key words are subdivided into broad categories. No more than six subcategories altogether should be listed for a paper.

The subcategories in boldface containing the word 'individual' are intended for use with specific astronomical objects; these should never be used alone, but always in combination with the most common names for the astronomical objects in question. Note that each object counts as one subcategory within the allowed limit of six.

The parts of the key words in italics are for reference only and should be omitted when the key words are entered on the manuscript.

General

book reviews
editorials, notices
errata, addenda
extraterrestrial intelligence
history and philosophy of astronomy
miscellaneous
obituaries, biographies

Physical data and processes

acceleration of particles
accretion, accretion discs
atomic data
atomic processes
black hole physics
chaos
conduction
convection
cosmic strings
dense matter
diffusion
elementary particles
equation of state
gravitation
hydrodynamics
instabilities
line: formation
line: identification
line: profiles
magnetic fields
(*magnetohydrodynamics*) MHD
masers
molecular data
molecular processes
nuclear reactions, nucleosynthesis, abundances
plasmas
polarization

radiation mechanisms: non-thermal
radiation mechanisms: thermal
radiative transfer
relativity
scattering
shock waves
turbulence
waves

Astronomical instrumentation, methods and techniques

atmospheric effects
balloons
instrumentation: detectors
instrumentation: interferometers
instrumentation: miscellaneous
instrumentation: photometers
instrumentation: polarimeters
instrumentation: spectrographs
methods: analytical
methods: data analysis
methods: laboratory
methods: miscellaneous
methods: numerical
methods: observational
methods: statistical
site testing
space vehicles
techniques: image processing
techniques: interferometric
techniques: miscellaneous
techniques: photometric
techniques: polarimetric
techniques: radar astronomy
techniques: radial velocities
techniques: spectroscopic
telescopes

Astronomical data bases

astronomical data bases: miscellaneous
atlases
catalogues
surveys

Astrometry and celestial mechanics

astrometry
celestial mechanics, stellar dynamics
eclipses
ephemerides
occultations
reference systems
time

Index key words

The Sun

Sun: abundances
Sun: activity
Sun: atmosphere
Sun: chromosphere
Sun: corona
Sun: evolution
Sun: faculae, plages
Sun: filaments
Sun: flares
Sun: fundamental parameters
Sun: general
Sun: granulation
Sun: infrared
Sun: interior
Sun: magnetic fields
Sun: oscillations
Sun: particle emission
Sun: photosphere
Sun: prominences
Sun: radio radiation
Sun: rotation
(Sun:) solar-terrestrial relations
(Sun:) solar wind
(Sun:) sunspots
Sun: transition region
Sun: UV radiation
Sun: X-rays, gamma-rays

Solar system

comets: general
comets: individual:...
Earth
interplanetary medium
meteors, meteoroids
minor planets, asteroids
Moon
planets and satellites: general
planets and satellites: individual:...
Solar system: formation
Solar system: general

Stars

stars: abundances
stars: activity
stars: AGB and post-AGB
stars: atmospheres
(stars:) binaries (*including multiple*): close
(stars:) binaries: eclipsing
(stars:) binaries: general
(stars:) binaries: spectroscopic
(stars:) binaries: symbiotic
(stars:) binaries: visual
(stars:) blue stragglers
stars: carbon
stars: chemically peculiar
stars: chromospheres
(stars:) circumstellar matter
stars: coronae
stars: distances
stars: early-type

stars: emission-line, Be
stars: evolution
stars: flare
stars: formation
stars: fundamental parameters (*classification, colours, luminosities, masses, radii, temperatures, etc.*)
stars: general
(stars:) Hertzsprung-Russell (HR) diagram
stars: horizontal branch
stars: imaging
stars: individual:...
stars: interiors
stars: kinematics
stars: late-type
stars: low-mass, brown dwarfs
stars: luminosity function, mass function
stars: magnetic fields
stars: mass-loss
stars: neutron
(stars:) novae, cataclysmic variables
stars: oscillations (*including pulsations*)
stars: peculiar (*except chemically peculiar*)
(stars:) planetary systems
stars: Population II
stars: pre-main-sequence
(stars:) pulsars: general
(stars:) **pulsars: individual:...**
stars: rotation
stars: statistics
(stars:) subdwarfs
(stars:) supergiants
(stars:) supernovae: general
(stars:) **supernovae: individual:...**
(stars: variables:) Cepheids
(stars: variables:) δ Scuti
stars: variables: other
(stars:) white dwarfs
stars: Wolf-Rayet

Interstellar medium (ISM), nebulae

ISM: abundances
ISM: atoms
ISM: bubbles
ISM: clouds
(ISM:) cosmic rays
(ISM:) dust, extinction
ISM: general
ISM: globules
(ISM:) H II regions
ISM: individual:...
(*except planetary nebulae*)
ISM: jets and outflows
ISM: kinematics and dynamics
ISM: magnetic fields
ISM: molecules
(ISM:) planetary nebulae: general
(ISM:) **planetary nebulae: individual:...**
(ISM:) reflection nebulae
ISM: structure
(ISM:) supernova remnants

The Galaxy

Galaxy: abundances
 Galaxy: centre
 Galaxy: evolution
 Galaxy: formation
 Galaxy: fundamental parameters
 Galaxy: general
 (Galaxy:) globular clusters: general
 (Galaxy:) **globular clusters: individual:...**
 Galaxy: halo
 Galaxy: kinematics and dynamics
 (Galaxy:) open clusters and associations: general
 (Galaxy:) **open clusters and associations: individual:...**
 (Galaxy:) solar neighbourhood
 Galaxy: stellar content
 Galaxy: structure

Galaxies

galaxies: abundances
 galaxies: active
 (galaxies:) BL Lacertae objects: general
 (galaxies:) **BL Lacertae objects: individual:...**
 galaxies: clusters: general
galaxies: clusters: individual:...
 galaxies: compact
 (galaxies:) cooling flows
 galaxies: distances and redshifts
 galaxies: elliptical and lenticular, cD
 galaxies: evolution
 galaxies: formation
 galaxies: fundamental parameters
 (classification, colours, luminosities, masses, radii, etc.)
 galaxies: general
 galaxies: haloes
galaxies: individual:...
 galaxies: interactions
 (galaxies:) intergalactic medium
 galaxies: ISM
 galaxies: irregular
 galaxies: jets
 galaxies: kinematics and dynamics
 (galaxies:) Local Group
 galaxies: luminosity function, mass function
 (galaxies:) Magellanic Clouds
 galaxies: magnetic fields
 galaxies: nuclei
 galaxies: peculiar
 galaxies: photometry
 (galaxies:) quasars: absorption lines
 (galaxies:) quasars: emission lines
 (galaxies:) quasars: general

(galaxies:) **quasars: individual:...**

galaxies: Seyfert
 galaxies: spiral
 galaxies: starburst
 galaxies: star clusters
 galaxies: statistics
 galaxies: stellar content
 galaxies: structure

Cosmology

(cosmology:) cosmic microwave background
 cosmology: miscellaneous
 cosmology: observations
 cosmology: theory
 (cosmology:) dark matter
 (cosmology:) diffuse radiation
 (cosmology:) distance scale
 (cosmology:) early Universe
 (cosmology:) gravitational lensing
 (cosmology:) large-scale structure of Universe

Sources as a function of wavelength

gamma-rays: bursts
 gamma-rays: observations
 gamma-rays: theory
 infrared: galaxies
 infrared: general
 infrared: ISM: continuum
 infrared: ISM: lines and bands
 infrared: Solar system
 infrared: stars
 radio continuum: galaxies
 radio continuum: general
 radio continuum: ISM
 radio continuum: Solar system
 radio continuum: stars
 radio lines: galaxies
 radio lines: general
 radio lines: ISM
 radio lines: Solar system
 radio lines: stars
 ultraviolet: galaxies
 ultraviolet: general
 ultraviolet: ISM
 ultraviolet: Solar system
 ultraviolet: stars
 X-rays: bursts
 X-rays: galaxies
 X-rays: general
 X-rays: ISM
 X-rays: stars



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